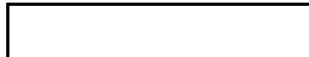


SECRET




Monthly Report

25X1

PAR 249

31 July 68

25X1

SUBJECT:  Precision Enlarger Prototype (BPE) Operational Improvements and Maintenance

TASK/PROBLEM

1. Provide periodic maintenance for the prototype BPE at the customer's facility and conduct necessary design, fabrication, and test effort to implement operational improvements as requested by the customer.

DISCUSSION

2. This project was approved on 14 June 1968. Except for preparation of the proposed monthly maintenance schedule, there was no activity in July.

PLANNED ACTIVITY

3. Start monthly maintenance in August. In addition, conduct maintenance and operational effort as requested by the customer.

Declass Review by NGA.

SECRET

GROUP 1

EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

SECRET

25X1

[REDACTED]
Monthly Report

PAR 249

30 June 68

25X1
SUBJECT: [REDACTED] Precision Enlarger Prototype (BPE) Operational
Improvements and Maintenance.

TASK/PROBLEM

1. Provide periodic maintenance for the prototype BPE at the customer's facility and conduct necessary design, fabrication, and test effort to implement operational improvements as requested by the customer.

DISCUSSION

2. Approval of PAR 249 was received in customer message 4013, dated 14 June 1968.

3. At the customer's request (by telecon 25 June 68), contractor personnel corrected a misalignment in the transport system film tracking. The problem was caused by an object that had been placed on the shelf under the left side of the transport system. Tracking tests were successfully run to assure proper operation.

4. The following additional maintenance type effort was also accomplished:

a. The x- and y-coordinate counter system was retrofitted. This consisted of replacing the BPE pulleys with flanged pulleys to prevent the belt from jumping off the pulley.

b. The x-coordinate counter was found to be out of alignment and it was corrected.

c. The lights indicating plus and minus on the y-counter system were not operating and were replaced.

d. The brushes that are activated during the drying cycle to remove any excess fluid from the bottom of the film were not aligned and operating properly. Necessary adjustment and alignment was accomplished.

PLANNED ACTIVITY

5. Conduct necessary maintenance and operational effort as requested by the customer.

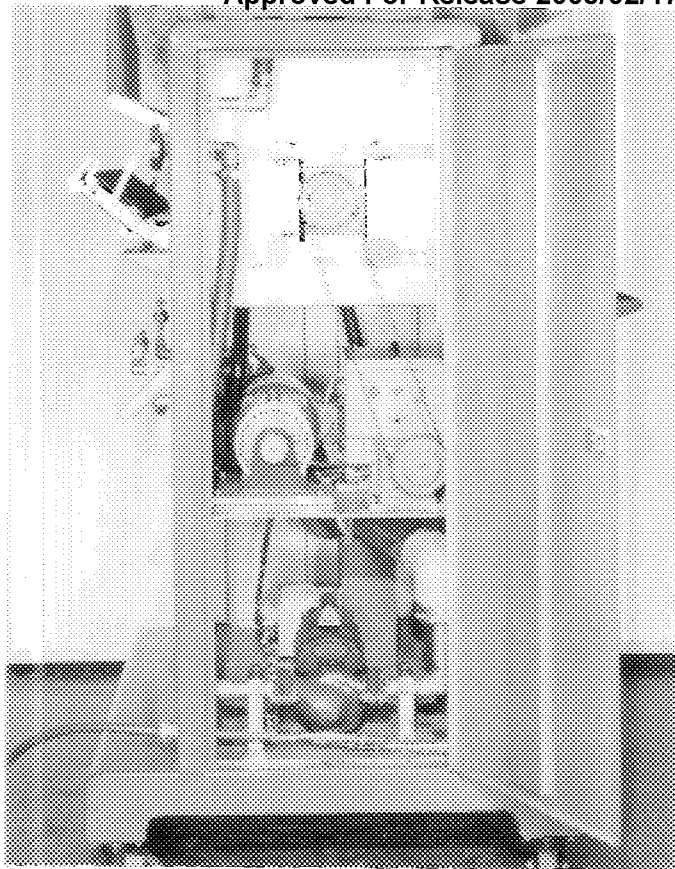
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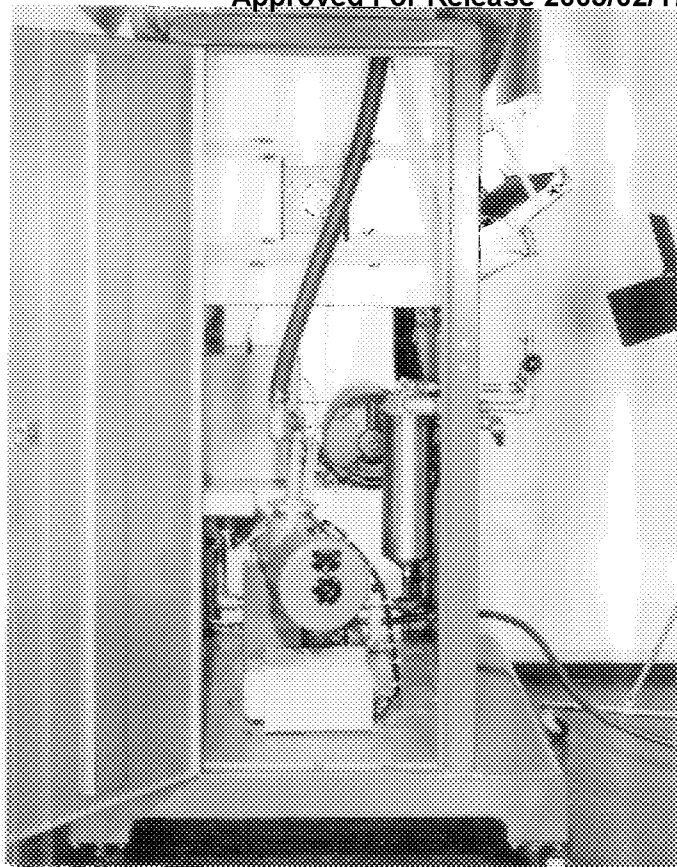
P.D.S.

6 May 66

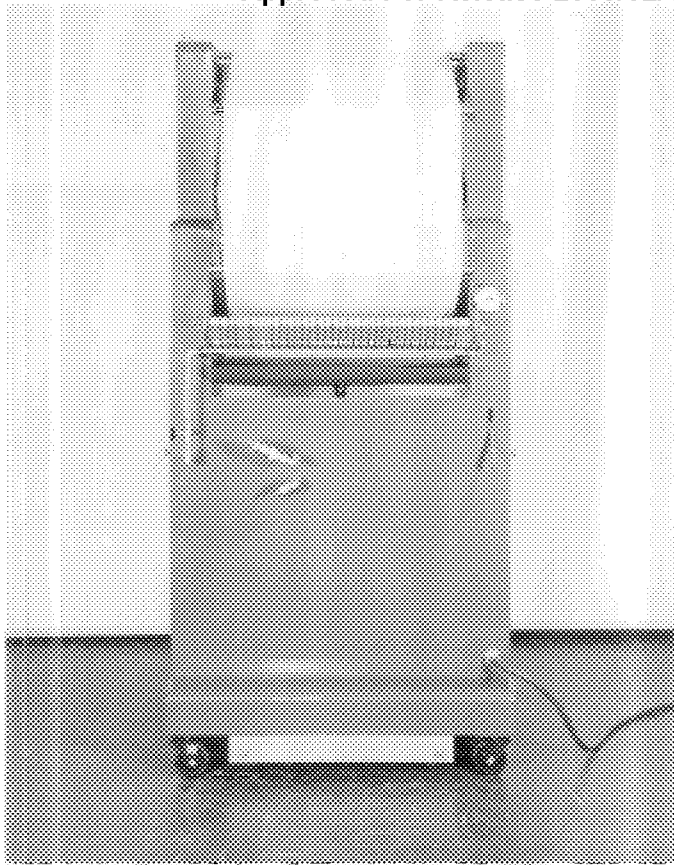
~~7 Aug 64~~
6 Dec 63

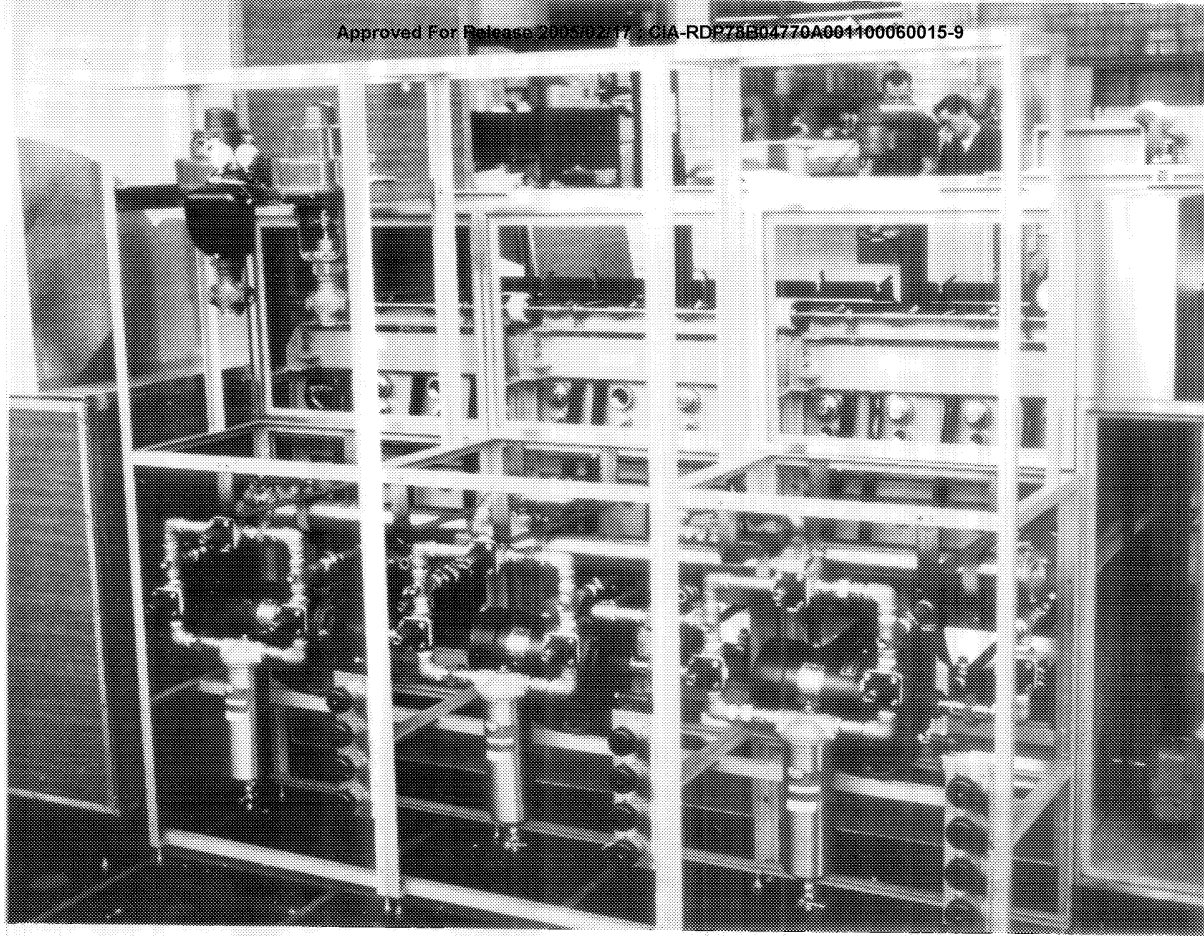


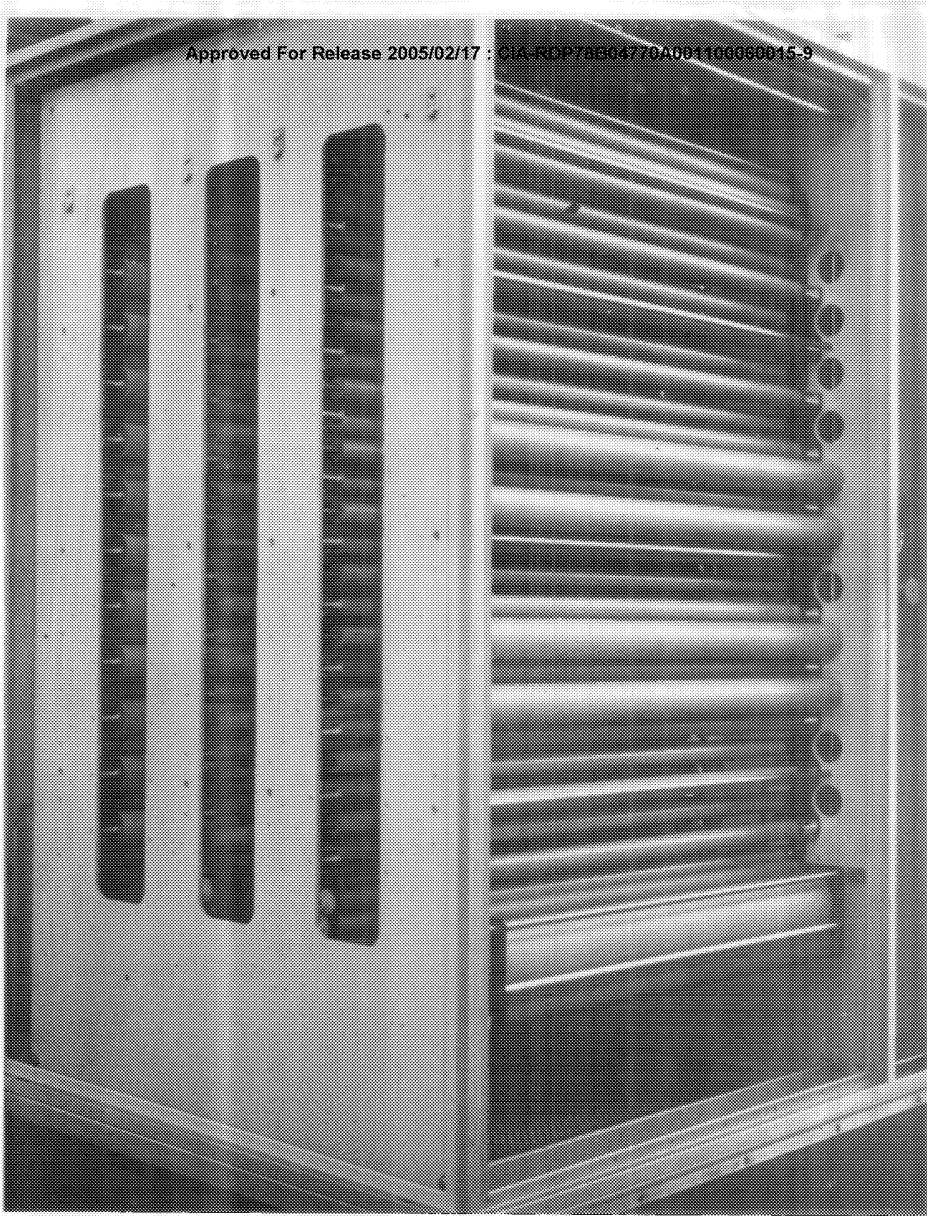






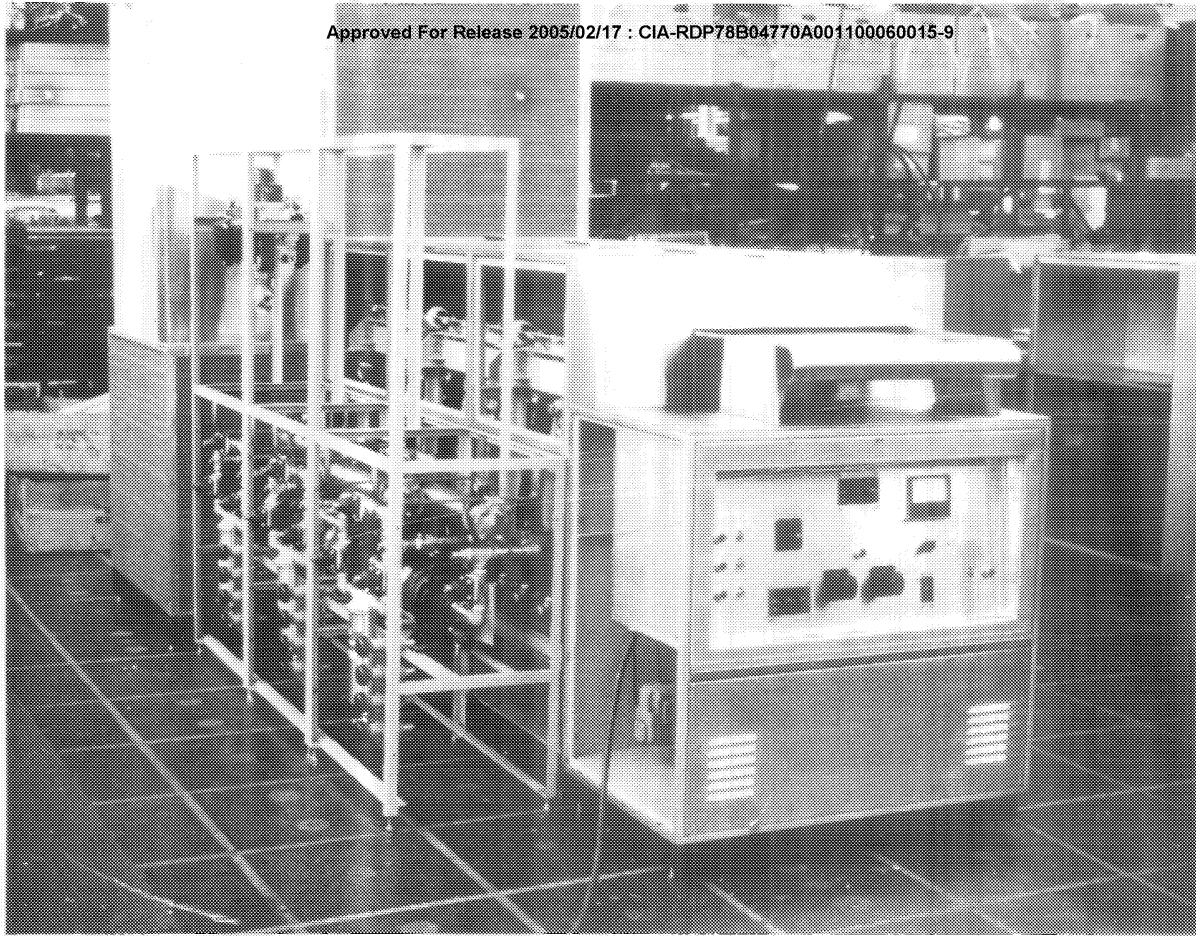














☒ SECRET

☐ CONFIDENTIAL

☐ UNCLASSIFIED

Approved For Release 2005/02/17 : CIA-RDP78B04770A001100060015-9

CONTRACT INSPECTION REPORT

CONTRACT NO.

TASK NO.

TO:

CONTRACT ADMINISTRATION & SETTLEMENT
BRANCH/PD/OL

DATE

15 April 1966

INSPECTION REPORT NO. (If final, so state)

N/A

ESTIMATED COMPLETION DATE

N/A

NAME OF CONTRACTOR

TYPE

Development, Studies and Models

THE CONTRACTOR IS ON SCHEDULE

☒ YES

☐ NO

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

PER CENT OF WORK COMPLETED - } See Reverse

PER CENT OF FUNDS EXPENDED -

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☒ YES ☐ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

INCENTIVES

IS THIS AN INCENTIVE CONTRACT
IF YES, CHECK TYPE

☐ YES

☒ NO

☐ COST

☐ PERFORMANCE

☐ DELIVERY

NOTE:

USE REVERSE SIDE FOR COMMENTS.

FINAL REPORT MUST CONTAIN INCENTIVE EVALUATION.

OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING

3. ☐ ABOVE AVERAGE

5. ☐ BELOW AVERAGE

7. ☐ UNSATISFACTORY

2. ☐ EXCELLENT

4. ☐ AVERAGE

6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

See Reverse

RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED

☐ WITHHOLD PAYMENT PENDING
SATISFACTORY PERFORMANCE

☐ TERMINATE

☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT PUT COMMENTS ON REVERSE IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

6 April 1966

SIGNATURE

DIVISION

Plans and Development

INSPECTOR

SIGNATURE OF APPROVER

FORM 10-65 1897

PREVIOUS EDITION

☐ UNCLASSIFIED

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☐ SECRET

(12-36)

Approved For Release 2005/02/17 : CIA-RDP78B04770A001100060015-9

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Approved For Release 2005/02/17 : CIA-RDP78B04770A001100060015-9

NARRATIVE REPORT

☐ INTERIM

☐ FINAL

25X1
PAR 214 REVERSAL PROCESSOR, RT-12. This project should be signed off in April. Model is installed in NPIC and all development funds have been expended. 100% work completed, 100% funds expended. A number of changes in parts have been made. ☐ Satisfactory. # 997184

✓ PAR 215 ROLLER TRANSPORT PROCESSOR, RT-24. Modification is required to feed the machine; however, this lead-tab requirement will be turned over to a contractor to perform. The machine therefore should be accepted and signed-off since all other requirements are reasonably fulfilled. The RT-24 is installed and in operating condition in NPIC. 100% work completed, 100% funds expended. Satisfactory. # 997221

PAR 207 DEFINITIVE STUDY OF CONTACT PRINTERS. The Final Report was received on 11 April 1966. The Development Branch must yet make an evaluation of the report. If successful, a "phase II" study will commence with new funding. 100% work completed, 100% funds expended. # 997254

PAR 233 ZOOM (6x to 60x) PROJECTION LENS. Work had just begun when it was discovered that NPIC would have to redefine the requirements due to the unsatisfactory low transmittance through the high-index glass. 2% work completed, 10% funds expended.

PAR 243 BRIEFING PRINT ENLARGER PROTOTYPE (#997244). Work has commenced on the prototype. 4% work completed, funds expended, not known. Above Average.

PAR 245 BPE LENS SYSTEM 60x to 160x (#997606). ☐ Proposal is due in April. To be developed parallel to PAR 243. Cost estimated at ☐

25X1
25X1

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SECRET

4 October 1965

MEMORANDUM FOR THE RECORD

SUBJECT: Conference regarding unsatisfactory performance
of 12 and 24 inch processors developed under
contract [redacted]

1. On 29 September a conference was held at [redacted] to determine
action to be taken to correct deficiencies in the subject equipment. The
[redacted] was represented by [redacted] the company
administrator for contract [redacted] Those present from NPIC were:



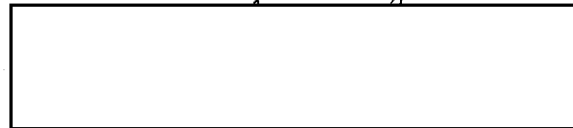
2. During inspection of the equipment [redacted] was present. After
inspection of the equipment the group assembled in [redacted] office to
discuss chemical leakage, general use of improper gaskets on both processors.
In addition, the problem caused by the failure of the tandem drum dryer on
the printer processor to operate, was discussed.

3. It was made clear that NPIC desired the drum dryer to operate auto-
matically in tandem with the 24 inch processor producing good clean fer-
rotyped prints. It was also recognized that further development work on
the dryer would result in some additional costs. The conclusions reached were
as follows:

a. [redacted] will send a crew to [redacted] to repair the leaks and clean
up both processors replacing those valves, gaskets or other items that are
defective.

b. After the work in a. above is completed another crew will be
sent to further check out the 24 inch processor and remove any faulty
operation to and including drying cabinet.

c. After the above is completed the drum dryer will be returned to
the manufacturer for correction of the ferrotyping operation including the
addition of a means for immersion of the prints upon entering the fer-
rotype dryer. The dryer will then be returned and be adjusted so as to
operate in tandem.



Distribution:
Original
Chrono
[redacted]

SECRET

M-45-800195-1

15 November 1965

Dear Boyd:

25X1 Subject: Contract Operating Instructions

As requested, we are forwarding herewith the following documents:

1. Operating Instructions for the Roller Transport Reversal Processors - 12-Inch (1-120-E-001)
(AL-45-700087-1 thru 11)
2. Operating Instructions for the Roller Transport Paper Processors - 24-Inch (1-120-E-1000)
(AL-45-700088-1 thru 11)

RRW:eb

Dick
Dick

Copy #1: BN w/encs. AL-45-700087-1 thru 11
AL-45-700088-1 thru 11
2: JP w/encs. AL-45-700087-12
AL-45-700088-12

Page 1 of 1

The R T-24 processor shown here was developed to provide machine processing of large 24" wide prints.

Tests performed with the machines indicate that it will consistently produce satisfactory prints in all sizes up to 24 inches in width at any chosen length.

There are certain definite advantages to machine processing over the

current method of large
tray manual processing.
among these are:

a. Uniformity of density,
and contrast and gamma, of prints.

b. Uniformity of treatment
at all stages including
development, fix, ~~washing~~
and drying.

c. ~~Firm~~ Establishment
of ^{firm} processing standards
with printing adjusted
to meet these standards
eliminating paper grade

altering of processing times
or texture to correct
for errors in printing

d. Elimination of finger
prints and chemical
contamination due to
manual handling of
prints.

e. There is also a
saving in manpower with
machine processing. At
a machine speed of 3.5 ft
per minute which is
the average speed for

24 inch prints one man
can process eighty 24x24"
prints per hour or
six hundred and forty
prints in a normal eight
hour day. of course one
man could reduce this to
half that amount and
possibly lose as many
as 24 prints. However
losses are largely the
fault of the operator and
can be held to a
minimum.

The work proposed
in this contract will
eliminate the use of any
tape in attaching the prints
to the lead table and the
prints will be unattached
as they come out of the
dryer. Prints of any
size may be introduced
in any order.

The work that will be
done on the dryer will
eliminate the potential
of print damage on the
prints before the dryer.

The ~~ferrotypic~~ or brom
dryer becomes a ~~useful~~
item in this operation.

Prints that are to be
ferrotyped will be
torn into a Pako
solution as they come
out of the dry cabinet
and will then be
manually placed on
the conventional
Pako ~~iron~~ dryer.